

AMENDMENTS TO THE CLAIMS

Please make the following amendments to the claims:

1. (Previously Presented) A system for displaying network performance parameters, comprising:

 means for collecting, from a first and a second communication device, bit burst analysis information, network latency information, data delivery success information and frame size distribution information associated with a virtual circuit between the first and the second communication device; and

 display means for displaying said bit burst analysis, network latency, data delivery success and frame size distribution information,

 where said bit burst analysis information comprises a plurality of bit burst counters, each of said bit burst counters counting a number of bit bursts that was placed into one of a plurality of burst categories, where said first and second communication device are each configured to support user devices.
2. (Original) The system of claim 1, wherein said display means further comprises a graphical user interface.
3. (Previously Presented) The system of claim 1, wherein said bit burst analysis, network latency, data delivery success and frame size distribution information is derived from said first and second communication device by a network management system.
4. (Cancelled)

5. (Previously Presented) In a communication environment having at least a first and a second communication device, said communication devices configured to support user devices, and a network management system, a system for displaying network performance information, comprising:

a plurality of network performance parameter views, comprising a bit burst analysis view, a network latency view, a data delivery success view and a frame size distribution view, wherein said views are associated with a virtual circuit between the first and the second communication device; and

display means for presenting to a user said plurality of network performance parameter views,

where said bit burst analysis view comprises a plurality of bit burst counters, each of said bit burst counters counting a number of bit bursts that was placed into one of a plurality of burst categories.

6. (Previously Presented) The system of claim 5, wherein said display means further comprises a graphical user interface.

7. (Previously Presented) The system of claim 5, wherein said views are collected from said first and said second communication device by said network management system.

8. (Currently Amended) A method for displaying network performance parameters in a network comprising a network management system and at least a first and a second communication device, said communication devices configured to support user devices, the method comprising the steps of:

collecting a plurality of network performance information including bit burst analysis information, network latency information, data delivery success information, and frame size distribution information, each of said plurality associated with a virtual circuit between the first and the second communication device; and

displaying views of said bit burst analysis, said network latency, said data delivery success, and said frame size distribution information,

where said bit burst analysis information comprises a plurality of bit burst counters, each of said bit burst counters counting a number of bit bursts that was placed into one of a plurality of burst categories.

9. (Previously Presented) The method of claim 8, further comprising the step of:
collecting in said network management system said plurality of network performance parameter views from said first and said second communication devices.

10. (Previously Presented) The method of claim 8, further comprising the step of
allowing an administrator of a network the ability to determine, from said views, the performance of said communication network.

11. (Currently Amended) A computer readable medium having a program for
displaying network performance parameters in a network comprising a network management system and at least two communication devices, said communication devices configured to support user devices, the program comprising logic configured to perform the steps of:

collecting a plurality of network performance information including bit burst analysis information, network latency information, data delivery success information, and frame size

distribution information, each of said plurality associated with a virtual circuit between the first and the second communication device; and

displaying views of said bit burst analysis, said network latency, said data delivery success, and said frame size distribution information,

where said bit burst analysis information comprises a plurality of bit burst counters, each of said bit burst counters counting a number of bit bursts that was placed into one of a plurality of burst categories.

12. (Previously Presented) The program of claim 11, further comprising logic configured to perform the step of:

collecting in said network management system said plurality of network performance parameter views from said first and said second communication devices.

13. (Previously Presented) The program of claim 11, further comprising logic configured to allow an administrator of a network the ability to determine, from views, the performance of said communication network.

14. (Cancelled)

15. (Cancelled)

16. (Previously Presented) The system of claim 1, wherein said virtual circuit is a permanent virtual circuit.

17. (Previously Presented) The system of claim 1, wherein said virtual circuit is a switched virtual circuit.

18. (Previously Presented) The system of claim 1, wherein said display means displays said bit burst analysis, network latency, data delivery success and frame size distribution information simultaneously.

19. (Previously Presented) The method of claim 8, further comprising the step of displaying said bit burst analysis, network latency, data delivery success and frame size distribution views simultaneously.

20. (Previously Presented) The program of claim 11, further comprising logic configured to perform the step of displaying said bit burst analysis, network latency, data delivery success and frame size distribution views simultaneously.

21. (New) The system of claim 1, further comprising:
means for collecting the information from the first communication device over a first secondary management channel and from the second communication device over a second secondary management channel.

22. (New) The method of claim 8, further comprising:
collecting the plurality of network performance information from the first communication device over a first secondary management channel and from the second communication device over a second secondary management channel.

23. (New) The computer readable medium of claim 11, further comprising the step of:

collecting the plurality of network performance information from the first communication device over a first secondary management channel and from the second communication device over a second secondary management channel.

24. (New) A system for displaying network performance parameters, comprising:
means for collecting, from a first and a second communication device, bit burst analysis information, network latency information, data delivery success information and frame size distribution information associated with a virtual circuit between the first and the second communication device; and

display means for displaying said bit burst analysis, network latency, data delivery success and frame size distribution information,

where said bit burst analysis information comprises a plurality of bit burst counters, each of said bit burst counters counting a number of bit bursts that was placed into one of a plurality of burst categories.

25. (New) The system of claim 24, wherein said display means further comprises a graphical user interface.

26. (New) The system of claim 24, wherein said bit burst analysis, network latency, data delivery success and frame size distribution information is derived from said first and second communication device by a network management system.

27. (New) The system of claim 24, wherein said virtual circuit is a permanent virtual circuit.

28. (New) The system of claim 24, wherein said virtual circuit is a switched virtual circuit.

29. (New) The system of claim 24, wherein said display means displays said bit burst analysis, network latency, data delivery success and frame size distribution information simultaneously.

30. (New) A method for displaying network performance parameters in a network comprising a network management system and at least a first and a second communication device, the method comprising the steps of:

collecting a plurality of network performance information comprising bit burst analysis information, network latency information, data delivery success information, and frame size distribution information, each of said plurality associated with a virtual circuit between the first and the second communication device; and

displaying views of said bit burst analysis, said network latency, said data delivery success, and said frame size distribution information,

where said bit burst analysis information comprises a plurality of bit burst counters, each of said bit burst counters counting a number of bit bursts that was placed into one of a plurality of burst categories.

31. (New) The method of claim 30, wherein said virtual circuit is a permanent virtual circuit.

32. (New) The method of claim 30, wherein said virtual circuit is a switched virtual circuit.

33. (New) The method of claim 30, further comprising the step of:
collecting in said network management system said plurality of network performance parameter views from said first and said second communication devices.

34. (New) The method of claim 30, further comprising the step of allowing an administrator of a network the ability to determine, from said views, the performance of said communication network.

35. (New) The method of claim 30, further comprising the step of displaying said bit burst analysis, network latency, data delivery success and frame size distribution views simultaneously.

36. (New) A computer readable medium having a program for displaying network performance parameters in a network comprising a network management system and at least two communication devices, the program comprising logic configured to perform the steps of:

collecting a plurality of network performance information comprising bit burst analysis information, network latency information, data delivery success information, and frame size distribution information, each of said plurality associated with a virtual circuit between the first and the second communication device; and

displaying views of said bit burst analysis, said network latency, said data delivery success, and said frame size distribution information,

where said bit burst analysis information comprises a plurality of bit burst counters, each of said bit burst counters counting a number of bit bursts that was placed into one of a plurality of burst categories.

37. (New) The computer readable medium of claim 36, wherein said virtual circuit is a permanent virtual circuit.

38. (New) The computer readable medium of claim 36, wherein said virtual circuit is a switched virtual circuit.

39. (New) The program of claim 36, further comprising logic configured to perform the step of:

collecting in said network management system said plurality of network performance parameter views from said first and said second communication devices.

40. (New) The program of claim 36, further comprising logic configured to allow an administrator of a network the ability to determine, from views, the performance of said communication network.

41. (New) The program of claim 36, further comprising logic configured to perform the step of displaying said bit burst analysis, network latency, data delivery success and frame size distribution views simultaneously.

42. (New) A system for displaying network performance parameters associated with a first and a second communication device, comprising:

a poller configured to poll the first and the second communication device for a plurality of network performance information comprising bit burst analysis information, network latency information, data delivery success information, and frame size distribution information, each of said plurality associated with a virtual circuit between the first and the second communication device;

an analyzer configured to produce a report of the plurality of network performance information; and

a display module configured to display the report.

43. (New) The system of claim 42, wherein the poller is further configured to poll the first communication device over a first secondary management channel and to poll the second communication device over a second secondary management channel.

44. (New) The system of claim 42, further comprising:
a statistics database configured to store the plurality of network performance information.

45. (New) The system of claim 42, further comprising:
a formatter configured to prepare the report for visual presentation.

46. (New) The system of claim 42, further comprising:
means for setting the rate at which the poller operates.

47. (New) The system of claim 42, wherein said virtual circuit is a permanent virtual circuit.

48. (New) The system of claim 42, wherein said virtual circuit is a switched virtual circuit.